

Db 181 TATCAGAGCTCTCCCAACCCGTAGACGGTGGCCGAAAGTGAAGATGTGCGGGAACAAG 240
 QY 241 GAGCTGTATGTTCTATGATGTGCTGAAAGAAACAGACCTGTACAAAGATTCAAGGGA 300
 Db 241 GAGCTGTATGTTCTATGATGTGCTGAAAGAAACAGACCTGTACAAAGATTCAAGGGA 300
 QY 301 CGCGTGGGAGAGGTTTCTCCAGCTCCAAAGTCCCTGGGGTGAAGTCCCAATACCTGGAT 360
 Db 301 CGCGTGGGAGAGGTTTCTCCAGCTCCAAAGTCCCTGGGGTGAAGTCCCAATACCTGGAT 360
 QY 361 TACCTTTTGAAGTGAAGCCGAGCCCACTGTCTGTGTCTACACCGAGACGAGAGATC 420
 Db 361 TACCTTTTGAAGTGAAGCCGAGCCCACTGTCTGTGTCTACACCGAGACGAGAGATC 420
 QY 421 CTGAGTGCATATGCATACGATACGAGTGGCCCTGTCATATGCCCCCACTGATCTGAAGTAT 480
 Db 421 CTGAGTGCATATGCATACGATACGAGTGGCCCTGTCATATGCCCCCACTGATCTGAAGTAT 480
 QY 481 GAGGTGCATTTCTGAAAGAGGGGGCCGAAAACAAGACCTATTTCCAGTCACTCCCAT 540
 Db 481 GAGGTGCATTTCTGAAAGAGGGGGCCGAAAACAAGACCTATTTCCAGTCACTCCCAT 540
 QY 541 GCGCAGCCAGTCCAGATCACTCTCCAGCCAGCTGCGACGAAACACCACTGCTCAGTGC 600
 Db 541 GCGCAGCCAGTCCAGATCACTCTCCAGCCAGCTGCGACGAAACACCACTGCTCAGTGC 600
 QY 601 AGAACCATCTACAGTTCAGTGTCCCGAAATACAGCAAGTTCTCTAAGCCCACTGTCTTC 660
 Db 601 AGAACCATCTACAGTTCAGTGTCCCGAAATACAGCAAGTTCTCTAAGCCCACTGTCTTC 660
 QY 661 TTGCTGAGAGTCCACAGACTTTTCTGSAACAACAACCTGTGGCAACTTTTCAAGCCAG 720
 Db 661 TTGCTGAGAGTCCACAGACTTTTCTGSAACAACAACCTGTGGCAACTTTTCAAGCCAG 720
 QY 721 CAGACCAAGTCCGTAATGACTGTCTCTGTCTCCCAAAAGAACTGAACAAGAGGAT 780
 Db 721 CAGACCAAGTCCGTAATGACTGTCTCTGTCTCCCAAAAGAACTGAACAAGAGGAT 780
 QY 781 CAGGCCAGCTCTGAGTCAAGGCCCCAGCCCAACAACAAGATGAAAGAGACT 840
 Db 781 CAGGCCAGCTCTGAGTCAAGGCCCCAGCCCAACAACAAGATGAAAGAGACT 840
 QY 841 TGCAAGAGACGAAGAGAGAGATGAGAGAGACAAGAGATGAGGCTCAGCTCCAGCC 900
 Db 841 TGCAAGAGACGAAGAGAGAGATGAGAGAGACAAGAGATGAGGCTCAGCTCCAGCC 900
 QY 901 CTACATTGAACAACCTTTCTCTGGGGCAAGAGACAAGGCTTCCAGGGCACTCGAGGC 960
 Db 901 CTACATTGAACAACCTTTCTCTGGGGCAAGAGACAAGGCTTCCAGGGCACTCGAGGC 960
 QY 961 777TGTGTGGGTGGAATCAAGAGAGCCAGGAGCTCTGTGTGTCGAAGGAAAGGCTCTC 1020
 Db 961 777TGTGTGGGTGGAATCAAGAGAGCCAGGAGCTCTGTGTGTCGAAGGAAAGGCTCTC 1020
 QY 1021 TGCTTGGGATTTCTTCAACAAGAGCTGGGCCAGCACTGTGAGACTCTCTCTGGGACAAGGC 1080
 Db 1021 TGCTTGGGATTTCTTCAACAAGAGCTGGGCCAGCACTGTGAGACTCTCTCTGGGACAAGGC 1080
 QY 1081 TGGGTCTCTGTGCTATTTGTGAGAGAGGAGCAGAGCCAAAGGCGGGGTGGGATGGGCA 1140
 Db 1081 TGGGTCTCTGTGCTATTTGTGAGAGAGGAGCAGAGCCAAAGGCGGGGTGGGATGGGCA 1140
 QY 1141 CCAAGAAATCTCTCCACACCTGAATTTCTCAAGAGACTGGGTTTCTTGGAAAGACTGCC 1200
 Db 1141 CCAAGAAATCTCTCCACACCTGAATTTCTCAAGAGACTGGGTTTCTTGGAAAGACTGCC 1200
 QY 1201 AGAAGATTAACCTCTCTCTGAGCCACTGAGGCACTTAACAACCGAGCCGAATCTGAT 1260
 Db 1201 AGAAGATTAACCTCTCTCTGAGCCACTGAGGCACTTAACAACCGAGCCGAATCTGAT 1260
 QY 1261 CCCTGGGGGAGACCCGAGTTTCTCTTCAACAAGACTGCTGCTGGGAAAGAGCCCTGA 1320
 Db 1261 CCCTGGGGGAGACCCGAGTTTCTCTTCAACAAGACTGCTGCTGGGAAAGAGCCCTGA 1320

QY 1321 GGAGAGAGAGAGAGAGAGAGATCAAGAAATTGAGAGACAGCATGCGGAGCTGGGGGCG 1380
 Db 1321 GGAGAGAGAGAGAGAGAGAGATCAAGAAATTGAGAGACAGCATGCGGAGCTGGGGGCG 1380
 QY 1381 TGAAGACACCCAGAGAGACCCAGAGACAGGAGCCCGGACATTTGGGGCATTTATGCGCAAGT 1440
 Db 1381 TGAAGACACCCAGAGAGACCCAGAGACAGGAGCCCGGACATTTGGGGCATTTATGCGCAAGT 1440
 QY 1441 AGCTGTCTCCCGACATCCCAAGCAATCTGATG 1472
 Db 1441 AGCTGTCTCCCGACATCCCAAGCAATCTGATG 1472

RESULT 2
 us-10-026-106e-7
 / Sequence 7, Application US/10026106E
 / Publication No. US20030158100A1
 / GENERAL INFORMATION:
 / APPLICANT: Renauld, Jean-Christophe
 / APPLICANT: Flickenscher, Helmut
 / APPLICANT: Dumoulier, Laure
 / TITLE OF INVENTION: Isolated Cytokine Receptor LIG-2
 / FILE REFERENCE: LUD 5752 NDH
 / CURRENT APPLICATION NUMBER: US/10/026,106E
 / NUMBER OF SEQ ID NOS: 19
 / SEQ ID NO 7
 / LENGTH: 1599
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURES:
 us-10-026-106e-7

Query Match 88.5%; Score 1303; DB 12; Length 1599;
 Best Local Similarity 91.6%; Pred. No. 0;
 Matches 1468; Conservative 0; Mismatches 0; Indels 135; Gaps 3;

QY 1 AAGGCCATGCGGAGCCCGAGAGCGCTGGAGCCCTCTGCTGTGCTGTGCAAGCCGCT 60
 Db 1 AAGGCCATGCGGAGCCCGAGAGCGCTGGAGCCCTCTGCTGTGCTGTGCAAGCCGCT 60
 QY 61 CCAAGGAGGCCCCGTGTGAGCCCTCCCAAGATGAGAGCGCTCTCCAGAACTTCAGC 120
 Db 61 CCAAGGAGGCCCCGTGTGAGCCCTCCCAAGATGAGAGCGCTCTCCAGAACTTCAGC 120
 QY 121 GTGTACTGACATGAGCTCCAGAGCTTGGCAACCCCAAGATGAGACTATTTTGTGGCC 180
 Db 121 GTGTACTGACATGAGCTCCAGAGCTTGGCAACCCCAAGATGAGACTATTTTGTGGCC 180
 QY 181 TATCAGAGCTTCCCAACCCGTAAGAGGTGGCGGAAGTGAAGGTGGGGAAACAAG 240
 Db 181 -ATCAGAGCTTCCCAACCCGTAAGAGGTGGCGGAAGTGAAGGTGGGGAAACAAG 239
 QY 241 GAGCTGTATGTTCTATGATGTGCTGAAAGAAACAGACCTGTACAAAGTTCAAGGGA 300
 Db 241 GAGCTGTATGTTCTATGATGTGCTGAAAGAAACAGACCTGTACAAAGTTCAAGGGA 299
 QY 301 CGCGTGGGAGAGGTTTCTCCAGCTCCAAAGTCCCTGGGGTGAAGTCCCAATACCTGGAT 360
 Db 301 CGCGTGGGAGAGGTTTCTCCAGCTCCAAAGTCCCTGGGGTGAAGTCCCAATACCTGGAT 359
 QY 361 TACCTTTTGAAGTGAAGCCGAGCCCACTGTCTGTGTCTACACCGAGACGAGAGATC 420
 Db 361 TACCTTTTGAAGTGAAGCCGAGCCCACTGTCTGTGTCTACACCGAGAGAGATC 419
 QY 421 CTGAGTGCATATGCATACGATACGAGTGGCCCTGTCATATGCCCCCACTGATCTGAAGTAT 480
 Db 421 CTGAGTGCATATGCATACGATACGAGTGGCCCTGTCATATGCCCCCACTGATCTGAAGTAT 479
 QY 481 GAGGTGCATTTCTGAAAGAGGGGGCCGAAAACAAGACCTATTTCCAGTCACTCCCAT 540

Db	480	GAAGGTGGCAATTCTGGAGAGAGGGGGGCGGAGAACAAAGACCTTAATTCGAGTCACTCCCAT	539
Oy	541	GGCCAGCCCAAGTCCGAATCACTCTCCAGCAGCTGTCAGCGAAACAACACTGGCTCAATGAGC	600
Db	540	GGCCAGCCCAAGTCCGAATCACTCTCCAGCAGCTGTCAGCGAAACAACACTGGCTCAATGAGC	599
Oy	601	AGAACCAATCTACAGCTTCAGGTCTCCGAATAATACAGCAAGTTCTCTAAGGCCACCTGGCTTC	660
Db	600	AGAACCAATCTACAGCTTCAGGTCTCCGAATAATACAGCAAGTTCTCTAAGGCCACCTGGCTTC	659
Oy	661	TTGCTGGAGAGATCCCA	675
Db	660	TTGCTGGAGAGATCCCA	675
Oy	676	-----	675
Db	720	CTGTAGTAATTCGCCGAGGGGGTGTGATCTGGAGAACCCTCATAGGGAAACCCCTGTGTTT	779
Oy	676	-----GCACTTTTCTGGACAACAACCCCTGTGGCAAC	709
Db	780	CAGCGGGCAAGATGCGCACGGGGCCCTGGACTTTTCTGGAGACACACACTGTGTGGCAAC	839
Oy	710	TTTTCAGCCCAACACACAGAGTCCCGGTGATGATCTGTTCCTCTGTGTCCCAAAAGAACTG	769
Db	840	TTTTCAGCCCAACACAGAGTCCCGGTGATGATCTGTTCCTCTGTGTCCCAAAAGAACTG	899
Oy	770	ATCCAGAGGGGTCAAGCTCGACGCTCGAGTCAAGGGCCCAACCAACCAAGATAG	829
Db	900	ATCCAGAGGGGTCAAGCTCGACGCTCGAGTCAAGGGCCCAACCAACCAAGATAG	959
Oy	830	AAGAAAGCATCTTGGAGAGAGACGAAAGAGAGAGATGGAGAGACACAGAAATGGGCTC	889
Db	960	AAGAAAGCATCTTGGAGAGAGACGAAAGAGAGAGATGGAGAGACACAGAAATGGGCTC	101
Oy	890	AGCTTCAGACCTTCATTGAACCACTTTTCTGTGGGGCAAGACACAGGCTCAAGG	949
Db	1020	AGCTTCAGACCTTCATTGAACCACTTTTCTGTGGGGCAAGACACAGGCTCAAGG	1077
Oy	950	CACTCGAGAGG??TGGTGGGGTGGACTCGAGGAGGCGCAAGGCTCTCTGTCTCCAGC	1007
Db	1080	CACTCGAGAGG---TGGTGGGGTGGACTCGAGGAGGCGCAAGGCTCTCTGTCTCCAGC	1133
Oy	1010	GAAGGCTCTCTGCTGGAGATCTTTCAGACAGAGAGCTGGGGCAAGCATGTGGACTCTCC	1066
Db	1137	GAAGGCTCTCTGCTGGAGATCTTTCAGACAGAGAGCTGGGGCAAGCATGTGGACTCTCC	1199
Oy	1070	TGGGACAGAGGCTGGGTCTCTGGGCTATTATGGGCTGAAAGAGGCGCAAGGCTCGGGT	1122
Db	1197	TGGGACAGAGGCTGGGTCTCTGGGCTATTATGGGCTGAAAGAGGCGCAAGGCTCGGGT	1255
Oy	1130	GGGAGATGGGCAACAAAGATCTCTCCCAACCTGAAATCTTCAAGGACTCGGGTTCCTG	118
Db	1257	GGGAGATGGGCAACAAAGATCTCTCCCAACCTGAAATCTTCAAGGACTCGGGTTCCTG	1311
Oy	1190	GAAGAGCTCCCAAGAAAGATCTCTCTCTGGGGCAAGCTGGGGCACTTACACCGGAG	1244
Db	1317	GAAGAGCTCCCAAGAAAGATCTCTCTCTGGGGCAAGCTGGGGCACTTACACCGGAG	1377
Oy	1250	CCGAATCTGGTCTCTGGGGGAAACCCCAAGTTTCTTTCAGACATGACTTGTGCTGGAA	1307
Db	1377	CCGAATCTGGTCTCTGGGGGAAACCCCAAGTTTCTTTCAGACATGACTTGTGCTGGAA	1433
Oy	1310	AGCAGGCTTGAAGAGAGAGAGGCGAGAGGAAATCAAGAAATGAGAGACAGCATCGGGC	1366
Db	1437	AGCAGGCTTGAAGAGAGAGAGGCGAGAGGAAATCAAGAAATGAGAGACAGCATCGGGC	1499
Oy	1370	AGCTGGGGGGGCTGAGACACCCCAAGAGACCGAGACAGAGGGCCGGACATTTGGGGCATAC	1422
Db	1497	AGCTGGGGGGGCTGAGAGACCCCAAGAGACCGAGAGACAGAGGGCCGGACATTTGGGGCATAC	1555
Oy	1430	ATGAGCGAGGTAGCTGTCTCCCGACATCTCCACCAATCTAATG	1472
Db	1557	ATGAGCGAGGTAGCTGTCTCCCGACATCTCCACCAATCTAATG	1599

	RESULT 3	
	US-09-995-898A-18	
	Sequence 18, Application US/09995898A	
	Publication No. US20030027253A1	
	GENERAL INFORMATION:	
	APPLICANT: Freemanell, Scott R.	
	APPLICANT: Xu, Wenteng	
	APPLICANT: No. US20030027253A1ak, Julia B.	
	APPLICANT: Whitmore, Theodore E.	
	APPLICANT: Grant, Francis J.	
	TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19	
	FILE REFERENCE: 00-108	
	CURRENT APPLICATION NUMBER: US/09/995,898A	
	CURRENT FILING DATE: 2001-11-28	
	PRIOR APPLICATION NUMBER: US 60/253,561	
	PRIOR FILING DATE: 2000-11-28	
	PRIOR APPLICATION NUMBER: US 60/267,211	
	PRIOR FILING DATE: 2001-02-07	
	NUMBER OF SEQ ID NOS: 50	
	SOFTWARE: FastSeq for Windows Version 3.0	
	SEQ ID NO 18	
	LENGTH: 1563	
	TYPE: DNA	
	ORGANISM: Homo sapiens	
	FEATURE:	
	NAME/KEY: CDS	
	LOCATION: (1)...(1563)	
	US-09-995-898A-18	
	Query Match	86.8%; Score 1278; DB 11; Length 1563;
	Best Local Similarity	91.4%; Pred. No. 0;
	Matches 1432; Conservative	0; Mismatches 0; Indels 134; Gaps 2
Oy	7 ATGCGGGGGCGAGCGCTGGGGCCCCCTGTCTCTGTGCCTGTGCAGGCCCTCCCAAGC	66
Dd	1 ATGGGGGGGGCCCGAGCGCTGGGGCCCCCTGTCTCTGTGCCTGTGCAGGCCCTCCCAAGC	60
Oy	67 AGGCCCCCGTGTGGCCCCCTCCCAAGATGTACGCTGTCTCCCAAACTTCAGCGTGAC	126
Dd	61 AGGCCCCCGTGTGGCCCCCTCCCAAGATGTACGCTGTCTCCCAAACTTCAGCGTGAC	120
Oy	127 CTGACATAGGCTCCCAAGGCTTTGGGCAACCCCACAGATGTACCTATTGTGTGGCTATCAG	186
Dd	121 CTGACATAGGCTCCCAAGGCTTTGGGCAACCCCACAGATGTACCTATTGTGTGGCTATCAG	180
Oy	187 AGCTTCTCCACCGGTAGACGCTGGCGGGAAGTGTGGGGAACCAAGAAGCTTG	246
Dd	181 AGCTTCTCCACCGGTAGAGGCTGGCGGGAAGTGTGGGGAACCAAGAAGCTTG	240
Oy	247 CTATGTTCTATGATGTGCTCTGAAGAAACAAGACTGTACCAAAAGTTCAAGGACCGCTG	306
Dd	241 CTATGTTCTATGATGTGCTCTGAAGAAACAAGACTGTACCAAAAGTTCAAGGACCGCTG	300
Oy	307 CGGAGCGTTTCTCCCAAGCTCCCAAGTCCCCCTGGGTGAGTCCGAATACTGATTAACCTT	366
Dd	301 CGGAGCGTTTCTCCCAAGCTCCCAAGTCCCCCTGGGTGAGTCCGAATACTGATTAACCTT	360
Oy	367 TTGTAAGTGAAGCGCGGCCCAACTGTGTCTGTGTCTCAACCAGAAGAGAGATCTGAAT	426
Dd	361 TTGTAAGTGAAGCGCGGCCCAACTGTGTGTGTCTCAACCAGAAGAGAGATCTGAAT	420
Oy	427 GCCAATGCAAGTACAGATGCGCCCCCTGTGATGCCCCCACTGAGATCTGAAGTATGAGTG	486
Dd	421 GCCAATGCAAGTACAGATGCGCCCCCTGTGATGCCCCCACTGAGATCTGAAGTATGAGTG	480
Oy	487 GCATTTCTGGAAGAGAGGGGGCGGGAACAAGACTATTTCCAGTCACTCCCATGCGCAG	546
Dd	481 GCATTTCTGGAAGAGAGGGGGCGGGAACAAGACTATTTCCAGTCACTCCCATGCGCAG	540
Oy	547 CCAGTCAGATCACTCTCCAGCGAGCTGCAGGCAACAACCTGCTCAGTGCAGAACCC	606

Mon Sep 22 11:34:33 2003

us-10-026-106e-9.rnpb

Page 6

Db	541	CAAGTCAGATCATCTCTCAGGCAAGCTGGACGAGAAACCACTGCGCTCAAGTCAGAAAC	600
Qy	607	ATCTACACGTTGACAGTGTCTCCGAAAATAAGAAATCTCTAAGAGCCCACTGGCTTTTGCG	666
Db	601	ATCTACACGTTCAAGTGTCTCCGAAAATAAGAAATCTCTAAGAGCCCACTTTCTTGCG	660
Qy	667	GAGGTCCAGAGACTTTTCTTGACACAC-----A	694
Db	661	GAGGTCCCAAGAACCAACTTGGGGCTTTTCTGTGTGCTGCATGCTCTTGATCTAGTGTTA	720
Qy	695	CACCGTGTGGCAACCTTTTCAAGCCAGAGACACAGAGTCCGAGTAATGACTTGTCTCGT	754
Db	721	GTAATTGCGCAGAGGGGTGTGATCTGGAACACCTTAAGGGAAACCTTGATTCAGCG	780
Qy	755	CCCCAA-----AGGAATGACAGAGGGGTCAAGGCGACGCTTGAGTCAAG	802
Db	781	GCAAGATGCAACGAGCCCTTGGAATCTACACAGAGGGGTCAAGCGCAAGCCTTCAGTCAAG	840
Qy	803	GCCCCACCAACCAAGACAGAGATGGAAGAACTTTGACAGAGACGAAGAGAGAG	862
Db	841	GCCCCACCAACCAAGACAGAGATGGAAGAACTTTGACAGAGACGAAGAGAGAG	900
Qy	863	GATGAGAGAGACACAGAAATGGGTGACCTTCAGGCTCTACATTAACAACCTTTTTC	922
Db	901	GATGAGAGAGACACAGAAATGGGTGACGCTTCAGGCTCTACATTTGAACAACCTTTTTC	960
Qy	923	CTGGGGCAAGAGACCAAGGCTCTCAAGGCACTCGAAGGCT?TGTGTGGGTGAGCTCAAGG	982
Db	961	CTGGGGCAAGAGACCAAGGCTCTCAAGGCACTCGAAGGCT---TGTGTGGGTGAGCTCAAGG	1017
Qy	983	AGGCCCAAGGCTCTCTGTGTCCCAAGCGAAGGCTCTCTGTGTGGGAATCTTACAGACA	1042
Db	1018	AGGCCCAAGGCTCTCTGTGTCCCAAGCGAAGGCTCTCTGTGTGGGAATCTTACAGACA	1077
Qy	1043	AGCTGGGCGACAGACTGTGACCTCTCTGGGACAGGGCTGGGTCTCTGGCTAATTTGCT	1102
Db	1078	AGCTGGGCGACAGACTGTGACCTCTCTGGGACAGGGCTGGGTCTCTGGCTAATTTGCT	1137
Qy	1103	GAGAAAGGGGACAGGCCAAGGCGGGGTGGGATGGGACACAAATCTCTCCACACCT	1162
Db	1138	GAGAAAGGGGACAGGCCAAGGCGGGGTGGGATGGGACACAAATCTCTCCACACCT	1197
Qy	1163	GAAATTTCTCAAGACTCGGGTTTCTGTGAAGAGCTCCAGAAAGATACCTCTCTCTGG	1222
Db	1198	GAAATTTCTCAAGACTCGGGTTTCTGTGAAGAGCTCCAGAAAGATACCTCTCTCTGG	1257
Qy	1223	GCAACTGGGGACCTTACACACGGAAGCGGAATCTGTGCTCTGGGGAGCCCGCAAGTTCT	1282
Db	1258	GCAACTGGGGACCTTACACACGGAAGCGGAATCTGTGCTCTGGGGAGCCCGCAAGTTCT	1317
Qy	1283	CTTCAAGACCTGACTTTCTGTGGGAAGCGCCCTGAGAGGAAGAGAGCGGAGGA	1342
Db	1318	CTTCAAGACCTGACTTTCTGTGGGAAGCGCCCTGAGAGGAAGAGAGCGGAGGA	1377
Qy	1343	TCAGAAATTGAGACACAGCATGCGGGACGTGGGGGCTGAGAGCACCAAGAGACGAG	1402
Db	1378	TCAGAAATTGAGACACAGCATGCGGGACGTGGGGGCTGAGAGCACCAAGAGACGAG	1433
Qy	1403	GAACAGGGCGGACATTTGGGGCATTAACATGGCCAGGTGA	1441
Db	1438	GAACAGGGCGGACATTTGGGGCATTAACATGGCCAGGTGA	1476

RESULT 6
US-10-127-816-23
Sequence 32 and location file/10137816

Publication No. US20030104416A1
; GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

APPLICANT: Fox, Brian A.

APPLICANT: Klucher, Kevin M

APPLICANT: Taft, David W.

APPLICANT: Kindsvogel, Wayne

1

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1 TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY
2
3 FILE REFERENCE: 01-17.
4
5 CURRENT APPLICATION NUMBER: US/0.0/127, 816
6
7 CURRENT FILING DATE: 2002-04-19
8
9 PRIOR APPLICATION NUMBER: US 60/285, 408
10
11 PRIOR FILING DATE: 2001-04-20
12
13 PRIOR APPLICATION NUMBER: US 60/286, 482
14
15 PRIOR FILING DATE: 2001-04-25
16
17 PRIOR APPLICATION NUMBER: US 60/341, 050
18
19 PRIOR FILING DATE: 2001-10-22
20
21 PRIOR APPLICATION NUMBER: US 60/341, 105
22
23 PRIOR FILING DATE: 2001-10-22
24
25 PRIOR APPLICATION NUMBER: US 09/895, 834
26
27 PRIOR FILING DATE: 2001-06-29
28
29 PRIOR APPLICATION NUMBER: US 60/285, 424
30
31 PRIOR FILING DATE: 2001-04-20
32
33 NUMBER OF SEQ ID NOS: 59
34
35 SOFTWARE: FastSeq for Windows Version 4.0
36
37 SEQ ID NO 23
38
39 LENGTH: 1476
40
41 TYPE: DNA
42
43 ORGANISM: Homo sapiens
44
45 FEATURE:
46
47 NAME/KEY: CDS
48
49 LOCATION: (1)...(1473)
50
51 US-10-127-816-23

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Query Match	85.5%	Score 1259	DB 14	Length 1476
Best Local Similarity	92.8%	Pred. No. 0		
Matches 1372; Conservative	0	Mismatches	60	Indels 47; Gaps 3

Db 1 ATGGCGGGGCGGAGCGCTGGGGCCCCGCTCTGTGGCTGTGGCAGGCGGCTCCAGGG 60

67 AGGGCCCGCTGGCCCTCCCGAATGTGACGCTGCTCCGAGACTTCAGCGGTAC 126
Dy
61 AGGGCCCGCTGGCCCTCCCGAATGTGACGCTGCTCCGAGACTTCAGCGGTAC 120
Dh

127 CTGCATGGCTCCAGAGGCTTGGCAACCCCAAGATGTGACCTATTTGTGGCCTATCAG 186

167 AGCTCTCCACCCGTAGACGGTGGCGGAACTGAAAGTGTGCGGAACTCAAGAGCTG 246

247 CTAAGTTCTATGATGATGTCCTGAAGAAACAGACAGCTTACACAACTCAAGGACCGCTG 306

307 CGACGGTTTCTCCACGTCGAAGTCCCCCTGGTGAGTCCGATTAACCTT 366

367 TTTGAAGTGGACCGGCGCCCACTGTCTCTGGTGTCTACCCAGACGAGAGATCCTGAGT 426

Db 361 TTGTGAGTGGAAGCGGGCCCGACCTCTCTGCTGTCTCAACCCGAGACGCGAGAGATCCAGAT 420

421 GCCAATGCCACGTACACAGCTGCCCCCTGCATGCCCCACATCTTCGAAGTATGAGTGG 480

Db 481 GATTTTGGGGGGGGCCGAAACMAAGCCCTATTTCAGTCACTCCCCCATGGCCAG 540

Db 541 CCAATCCAGATCACTCTCAGCCAGCTGCCAGCGAACACCACTGCTCAGTGCAGAAC 600

Qy	755	CCCCAAAG-----GAATGACAGAGGGGTACAGGCCGACGCTCCAGGACAG	802
Db	751	GCMAARATGCGMNGNCNTTNGABAYTNAChMGNGGAGTMMGNCNAChCCNCMNGTMMGN	840
Qy	803	CCCCCAGCCCAACCAACAGATGGAAGAAAGACCTTGACAGAGACCAAGAGAGAG	862
Db	841	GCNCNCNCNACARCARCNCMNGTNGAARAAGAAAYTTGNCGAAGAAGAGARGARGAR	900
Qy	863	GATGAGAGAGACACAGAAATGGCGTCAGGCTTCAGCCCTCACTTGAACCACTTCTTTC	922
Db	901	GAYARGARAYACNARGAYGNGTMMSTTYCACACTAYATGARGCNCNCMNTTY	960
Qy	923	CTGGGGGGAAGAGACCAAGGCTTCAGGGCACTCGGAGAGC?7TGGTGGGGTGGACTAGGG	982
Db	961	YTTGNCNARBARCAAYCARCNCNCNGNCA?YMSNDAGC---NGNGNGTNGAYMSNGN	1017
Qy	983	AGGCCCAAGGCTCTCTGTGCTCCCAAGCGAAGGCTCCTCTGCTTGGGAATTTCAACAGA	1042
Db	1018	MGNCCMNGNCNCNTYNTGNCNMWSNARGGWSMWSNGCMTTGGATYMSWSGAYMGN	1077
Qy	1043	AGCTGGGCGACAGACTGTGACTCTCTCGTGGGACAGGCTCGGCTCTGAGCTATTGAGCT	1102
Db	1078	MSNTGGGCMNSMNCMTNGTNA?YMSMNSNTGGGAYMGNGCMNGMWSMWSMGNTAYTNGCN	1137
Qy	1103	GAGAAAGGGGCGAGCCCAAGGCGGGGTGGGAGTGGGACCAAGAAATCTCTCCACAACCT	1162
Db	1138	GAPARAGNCNCNGANCARGANCNGNGNGNGA?GNCACACAGARMSYTNCCNCNCNC	1197
Qy	1163	GAATTTCTCCAAGAGACTCGGGTTTCTCTGGAAGAGCTCCCAAGAAATPACTCTCCTCTG	1222
Db	1198	GARTTYSMNAARAYMSNGNTTYTTCARBAR?YTNCCAGAGAYAAAYTMSWSMNTG	1257
Qy	1223	GGCACTCGGGGACCTTACCAACCGGAGCGGAATCTGATCCCTGCGGGGACCCCCAGTTCT	1287
Db	1258	GCMACTGTGGGNCNAYTNCNCNCNARGCNAAYTNTGTCNCAGNGGNCNCNCNGTMMGN	1311
Qy	1283	CTTCAGACACTGACTTCTGCTGGGAAAGCAGCCCTTGAGAGGAAAGAGAGCGAGGAA	1344
Db	1318	YTNCAACNTYNA?CNTTYGTGGGARGMSMNSNCNCAGAGAGAGGAAGAGCMNGARG	1377
Qy	1343	TCAGAAATTGAGACAGACGCTCGGGCAGCTGGGGGGCTGAGAGACCCAGAGAGCCGAG	1400
Db	1378	MSNGARATHGARGAYMSNCA?YCNCGMNSNTGGGAGNCNGARMSNACN?CAMGNA?CNGAR	1433
Qy	1403	GACAGGGGCGGACATTTGGGCAATTACATGGCCAG	1437
Db	1438	GATYMGNGMNGMNCNTYNGNCAYTAAATTTGCCNNG	1472

```

RESULT 8
US-09-995-898A-28
Sequence 28, Application US/09995898A
Publication No. US20030027253A1
GENERAL INFORMATION:
APPLICANT: Presnell, Scott R.
APPLICANT: Xu, Wenheng
APPLICANT: No, US20030027253A1ak, Julia E.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Grant, Francis J
TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
FILE REFERENCE: 00-108
CURRENT APPLICATION NUMBER: US/09/995,898A
PRIORITY FILING DATE: 2001-11-28
PRIORITY APPLICATION NUMBER: US 60/253,561
PRIORITY FILING DATE: 2000-11-28
PRIORITY APPLICATION NUMBER: US 60/267,211
NUMBER OF SEQ. ID NOS: 50
SOFTWARE: Fasteq for Windows Version 3.0
SEQ ID NO: 28
LENGTH: 1560
TYPE: DNA

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DB	Query Match	Best Local Similarity	Score	DB	Length
1	ORGANISM: Artificial Sequence	51.9%;	852.6;	1560;	
2	FEATURE: OTHER INFORMATION: Degenerated Polynucleotide sequence of SEQ ID	51.9%;	Pred. No. 1.5e-239;		
3	OTHER INFORMATION: NO:19	Matches 810;	Conservative 331;	Mismatches 287;	Indels 134; Gaps 2
4	FEATURE: NAME/KEY: misc_feature				
5	LOCATION: (1)...(1560)				
6	OTHER INFORMATION: n = A,T,C or G				
7	US-09-595-898A-28				
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Oy      778 GGGGTCAGGCCCAACGGCTGAATCAGGGCCCCAAGCCACCAACAAGAATAAGTAAAGAG. 835
Db      901 GGNGTMMNCCNAACNCNMGNGTNNMGNCNCGCAACACACAPACMANTGAAARAR.    960
Oy      836 GAUCTTGAGAGACGAAGAAGAGAGATGAGAGACACAGAAATGAGCTTCAGCTTC. 895
Db      961 GAYTMGCNCGARBGAYGARBARGARBARCAAGAGAGAACAGARGAYGGNGTMMNTTY. 1020
Oy      896 CAGCCTCATTTGAACAACCTCTTCTCTGGGGGAAGACACACAGGCTCCAGGGGCACTCG. 955
Db      1021 CARCNTYATHHARGRCNCNMSNTTTYTTNGNDABAGACAYCARGCNCGAGNCAYMSN. 1080
Oy      956 GAGGCT??TGTTGGGCTGGACTCACAGGAGGCCACAGGCTCTCTGCTCCMAAGCAGGC. 1015
Db      1081 GARGC---NGNGANGTINAAYMSGNGMNGNCNMGGNGCNICYTMGTNNCMNSGARGCN. 1137
Oy      1016 TCCTCTGTGGGATTCCTTCAACAAGAGCTGGGCCAGACACTGTGGA. CTCTCTGTGGGAC. 1075
Db      1138 MSNMSGNCTGTGGAYMSMSNSNCAVYMMSNTGGSCWMSNAICMTNGAYMSMSNTGGANV. 1197
Oy      1076 AGGCTGTGGCTCTCTGTGTAATTGGCTGAGAGAGGAGCCAGGCCAAGGACCAGGCTGGAGAT. 1135
Db      1198 MKNGCNCGAMSNMSNNGNTAYTYMGCNAPAARGANCNCGNCIARGNCNCGNCGNGNGAY. 1257
Oy      1136 GGGCAACCAAGATCTCTCCACACACTGAATTCCTCAAGAGACTGGGGTTCTGGAAGAG. 1195
Db      1258 GGNCAICYCARBGRBSNYTNCCNCCNCGARTTYWSNABAAGVMSGNTTTYTNHARGAR. 1317
Oy      1196 CTCGCCAAGATTAACCTCTCTCTGTGGGCCACTGTGGGCACTTTACCAACCGAGCCGAAT. 1255
Db      1318 YTMCCNCGARGVAAYYTMNSMSNSTGGCNAACVTGGGNAACMYTNCCNCCNCGARCNAAY. 1377
Oy      1256 CTGGTCCCTGGGGGAGACCCCAGATYTTCTTTCAGACACTGAACCTTCTGTGGAGAGCAGC. 1315
Db      1378 YTMGTNCCNGGNGANC.CNCCNCTMNSNYTNCAACMYTAACTTYTGTGGARBSMNSN. 1437
Oy      1316 CCTGAGAGGAAGAGAGGCGAGGGAAATCGAAMAATTGAGACACAGCATYGGGGCACTG. 1375
Db      1438 CCNGARKARGARKARGARKCNCNGARNRARSNAPRTGAGAGVMSGVAGNCGGMSNTGG. 1497
Oy      1376 GGGGCTGAGAGACCCAGAGAGACCCAGAGACAGGAGGCGGACCTTGAGGACATTAATGCGC. 1435
Db      1498 GGNCGNCGARFWSNACNCAARMGNAACNARGAYMGNGMGMNAACMYTNAGCACTAYATGGCN. 1557
Oy      1436 AG 1437
Db      1558 MG 1559

RESULT 9
US-09-995-898A-22
Sequence 22, Application US/09995898A.
Publication No. US20030027253A1
GENERAL INFORMATION:
APPLICANT: Pirelli, Scott R.
APPLICANT: Xu, Wenfeng
APPLICANT: No. US20030027253A1ak, Julia E.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Grant, Francis J.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
FILE REFERENCE: 00-108
CURRENT APPLICATION NUMBER: US/09/995, 898A
PRIOR FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US 60/253,561
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 60/267,211
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PaedSeq for Windows Version 3.0
SEQ ID NO 22
LENGTH: 1422
TYPE: DNA

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/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Zcyto17-Pc4 fusion protein
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (1)...(1422)
US-09-995-898A-22

Query Match      41.6%; Score 612.8; DB 11; Length 1422;
Best Local Similarity 98.9%; Pred. No. 2,7e-169;
Matches 617; Conservative 0; Mismatches 7; Indels 0; Gaps 0

Dy      67  AGGCGCCGCTGGGCGCCCTGCCCCAGAAATGTACGCTCTCCGACGAATTCAGCGGTAC 126
Dy      109  AGGCGCCGCTGGGCGCCCTGCCCCAGAAATGTACGCTCTCCGACGAATTCAGCGGTAC 168
Dy      127  CTGACATGCGCTCCGAGGCTTTGGCAACCCCGAGATGTACCTATTTTGTGGCCTTACG 186
Dy      169  CTGACATGCGCTCCGAGGCTTTGGCAACCCCGAGATGTACCTATTTTGTGGCCTTACG 228
Dy      187  AGCTCTCCGACCGGTGTGACGCTGGGGGCGAAGTGAAGTGTGGGGGAAACCAAGAGCTG 246
Dy      229  AGCTCTCCGACCGGTGTGACGCTGGGGGCGAAGTGAAGTGTGGGGGAAACCAAGAGCTG 288
Dy      247  CTATGTTCTATGATATGCTCTTGAAGAAACAGACCTTGTACACAGAGTTCAAGGACGGTG 306
Dy      289  CTATGTTCTATGATATGCTCTTGAAGAAACAGACCTTGTACACAGAGTTCAAGGACGGTG 348
Dy      307  CGGACGGTCTCTCCGAGCTCCAGAGTCCCGCTGGGTGAAGTCCGATATACCTGATTAAGTT 366
Dy      349  CGGACGGTCTCTCCGAGCTCCAGAGTCCCGCTGGGTGAAGTCCGATATACCTGATTAAGTT 408
Dy      367  TTTGAAGTGAAGGCGGCGCCGACCTGTCTGTGCTGTACCCGACGAGAGAGATCTGAGAT 426
Dy      409  TTTGAAGTGAAGGCGGCGCCGACCTGTCTGTGCTGTACCCGACGAGAGATCTGAGAT 468
Dy      427  GCGAATGCGACGTACAGCTGCGCCCGCTGTACATCCCGCATCTGATCTGAAGTATGAGTGTG 486
Dy      469  GCGAATGCGACGTACAGCTGCGCCCGCTGTACATCCCGCATCTGATCTGAAGTATGAGTGTG 528
Dy      487  GCATTTCTGAGAGAGGGGGGCGGAAACAGAACCTTATTTTCAGTCACTGCCCATGGCCAG 546
Dy      529  GCATTTCTGAGAGAGGGGGGCGGAAACAGAACCTTATTTTCAGTCACTGCCCATGGCCAG 588
Dy      547  CGAGTCCGAGATCACTCTCCAGCAGCTGCCAGAGAACACATCTGCTTCACTGGCCAGAAC 606
Dy      589  CGAGTCCGAGATCACTCTCCAGCAGCTGCCAGAGAACACATCTGCTTCACTGGCCAGAAC 648
Dy      607  ATCTACACGTTCAAGTATCCGAAATATACAGCAAGTCTCTTAAAGCCCACTGCTTCTTGCTG 666
Dy      649  ATCTACACGTTCAAGTATCCGAAATATACAGCAAGTCTCTTAAAGCCCACTGCTTCTTGCTG 708
Dy      667  GAGGTCCGAGATCTTCTTGTGACA 690
Dy      709  GAGGTCCGAGATCTTCTTGTGACA 732

RESULT 10
US-09-995-898A-32
/ Sequence 32, Application US/0995898A
/ Publication No. US20030027253A1
/ GENERAL INFORMATION:
/ APPLICANT: Preenell, Scott R.
/ APPLICANT: Xu, Wenfeng
/ APPLICANT: No. US20030027253A1ak, Julia B.
/ APPLICANT: Whitmore, Theodore E.
/ APPLICANT: Grant, Francis J.
/ TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTO19
/ FILE REFERENCE: 00-108
/ CURRENT APPLICATION NUMBER: US/09/995, 898A
/ PRIOR APPLICATION NUMBER: US 60/253, 561
/ PRIOR FILING DATE: 2000-11-28

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PRIOR APPLICATION NUMBER: US 60/267,211
PRIOR FILING DATE: 2001-02-07
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 32
LENGTH: 1922
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: MBP-human zcytor19 fusion protein polynucleotide
OTHER INFORMATION: sequence
FEATURE:
NAME/KEY: CDS
LOCATION: (123)...(1922)
US-09-995-898A-32

Query Match 41.5%; Score 611.6; DB 11; Length 1922;
Best Local Similarity 97.0%; Pred. No. 6,7e-169;
Matches 623; Conservative 0; Mismatches 19; Indels 0; Gaps 0;

QY 46 CTGCTGCAGGCGCTCCAGGAGGCGCGCTGCGCCCTCCCGAGATGAGCGCTC 105
DB 1266 CCGCTGCTTCGCGCTGATCCAGGCGCGCTGCGCCCTCCCGAGATGAGCGCTC 1325
QY 106 TCCGAGAACTTCAGCGGTGACCTGACATGCGCTCCAGGCGCTTGGCAA 165
DB 1326 TCCGAGAACTTCAGCGGTGACCTGACATGCGCTCCAGGCGCTTGGCAA 1385
QY 166 ACCATTTTGGGCTTATGAGAGCTCTCCCAAGGCTGAGCGGAGGAGGAG 225
DB 1386 ACCTTTTGGGCTTATGAGAGCTCTCCCAAGGCTGAGCGGAGGAGGAG 1445
QY 226 TGTGCGGAGCAAGAGAGCTGCTATGTTCTATGATGTCCTGAAAGAA 285
DB 1446 TGTGCGGAGCAAGAGAGCTGCTATGTTCTATGATGTCCTGAAAGAA 1505
QY 286 AACAGATTCAAGGAGCGGTGCGGAGCGTTTCTCCAGCTCAAGTCCCTG 345
DB 1506 AACAGATTCAAGGAGCGGTGCGGAGCGTTTCTCCAGCTCAAGTCCCTG 1565
QY 346 TCCGAAATCTGGAATACCTTTTGAAGTGAAGCGGCGCCCACTGCTG 405
DB 1566 TCCGAAATCTGGAATACCTTTTGAAGTGAAGCGGCGCCCACTGCTG 1625
QY 406 CAGACGAGAGAGATCTGAGTGCCTCAATGCGAGTCAAGTCCCTGCTG 465
DB 1626 CAGACGAGAGAGATCTGAGTGCCTCAATGCGAGTCAAGTCCCTGCTG 1685
QY 466 CTGATCTGAAGTATGAGTGGGATCTGGAAGAGGGGGCGGAAACAAG 525
DB 1686 CTGATCTGAAGTATGAGTGGGATCTGGAAGAGGGGGCGGAAACAAG 1745
QY 526 CCAAGTCACTCCCAATGCGAGCGAGTCCAGATCACTCTCCAGCGCTG 585
DB 1746 CCAAGTCACTCCCAATGCGAGCGAGTCCAGATCACTCTCCAGCGCTG 1805
QY 586 CACTGCTCAAGTCCAGAACCATCTACAGTTCAGGTCCGAAATACAGAG 645
DB 1806 CACTGCTCAAGTCCAGAACCATCTACAGTTCAGGTCCGAAATACAGAG 1865
QY 646 AAGCCACCTGCTTCTTGTGAGTGTCCAGAGCTTTTCTGG 687
DB 1866 AAGCCACCTGCTTCTTGTGAGTGTCCAGAGCTTTTCTGG 1907

RESULT 11
US-09-995-898A-20
Sequence 20, Application US/0995898A
Publication No. US20030027253A1
GENERAL INFORMATION:
APPLICANT: Presnell, Scott R.
APPLICANT: Xu, Wenfeng
APPLICANT: No. US20030027253A1ak, Julia E.

APPLICANT: Whitmore, Theodore B.
APPLICANT: Grant, Francis J.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
FILE REFERENCE: 00-108
CURRENT APPLICATION NUMBER: US/09/995,898A
PRIOR FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US 60/267,211
PRIOR FILING DATE: 2001-02-07
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 20
LENGTH: 674
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(633)
US-09-995-898A-20

Query Match 34.6%; Score 510; DB 11; Length 674;
Best Local Similarity 100.0%; Pred. No. 3e-139;
Matches 510; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 ATGGCGGAGCGGAGCGCTGAGGCGCGCTGCTCTGCTGCTGCTGCTGCTG 66
DB 1 ATGGCGGAGCGGAGCGCTGAGGCGCGCTGCTCTGCTGCTGCTGCTGCTG 60
QY 67 AGGCGCGCTGAGCGCTTCCCAAGATGACCGCTCTCCAGAACCTTCAGCTG 126
DB 61 AGGCGCGCTGAGCGCTTCCCAAGATGACCGCTCTCCAGAACCTTCAGCTG 120
QY 127 CTGACATGCTCCAGAGGCTTGGCAACCCCAAGATGACCTATTTGGGCTAT 186
DB 121 CTGACATGCTCCAGAGGCTTGGCAACCCCAAGATGACCTATTTGGGCTAT 180
QY 187 AGCTCTCCCAAGCGTGAAGCGTGGCGGAGGAGGAGTGGGAGAACCAAG 246
DB 181 AGCTCTCCCAAGCGTGAAGCGTGGCGGAGGAGGAGTGGGAGAACCAAG 240
QY 247 CTATGCTTATGATGATGCTGTAAGAAACAGGACCTTACCAAGTTCAAG 306
DB 241 CTATGCTTATGATGATGCTGTAAGAAACAGGACCTTACCAAGTTCAAG 300
QY 307 CGGACGGTTTCTCCAGCTCCAGTCCCTGCTGAGTCCGAAATACCTGATTA 366
DB 301 CGGACGGTTTCTCCAGCTCCAGTCCCTGCTGAGTCCGAAATACCTGATTA 360
QY 367 TTGAAGTGAAGCGGCGCCCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 426
DB 361 TTGAAGTGAAGCGGCGCCCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 420
QY 427 GCCAATGCCAGTACAGCTGCGCCCTGCTGCTGCTGCTGCTGCTGCTGCTG 486
DB 421 GCCAATGCCAGTACAGCTGCGCCCTGCTGCTGCTGCTGCTGCTGCTGCTG 480
QY 487 GCATTCTGAAGAGGAGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 516
DB 481 GCATTCTGAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 510

RESULT 12
US-10-127-816-28
Sequence 28, Application US/10127816
Publication No. US20030104416A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Fox, Brian A.
APPLICANT: Klucher, Kevin M.
APPLICANT: Taft, David W.
APPLICANT: Kindsvogel, Wayne R.
TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY

